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ABSTRACT

This report presents data on college costs from the College Board's Annual Survey of Colleges for the 1999-2000 academic year, as well as trends in costs since 1971-72 and analyses of college prices in relation to family income and available financial aid. Twelve tables and fourteen figures present such data as average fixed charges for undergraduates, sample undergraduate budgets, average student expenses by College Board region, tuition and fees by region and by institution type in constant and current dollars, and cost of attendance at public and private institutions as a percentage of family income. Data highlights include the following: (1) average tuition at public four-year institutions is $3,356, an increase of 3.4 percent; (2) the Southwest offers the lowest tuition rates at both private and public four-year institutions; (3) room and board charges are between 3.6 and 4.8 percent higher than 1 year ago; (4) since 1980 college prices have been rising at two to three times the rate of the Consumer Price Index; (5) more than half of students attending four-year institutions pay less than $4,000 in tuition and fees; and (6) enrollment in postsecondary education has been rising for all income groups. Notes and source information are appended. (DB)

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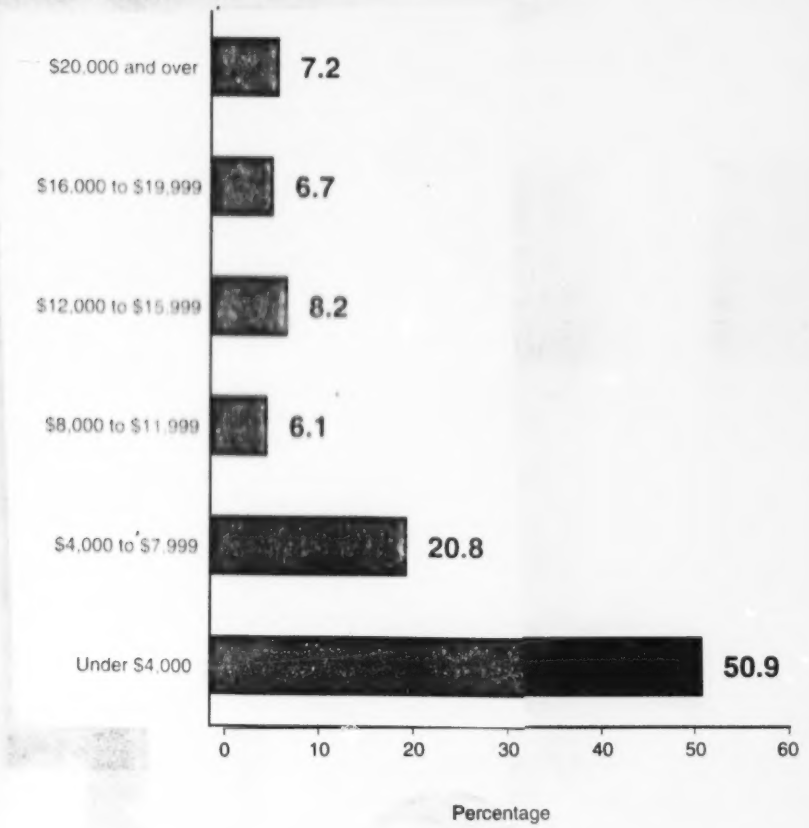
# in College Pricing

**FIGURE 1.** *Distribution of Full-Time Undergraduates at Four-Year Institutions by Tuition and Fees Charged, 1999-00*

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The College Board

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# INTRODUCTION

This report provides the latest information on tuition and other expenses associated with attending institutions of postsecondary education in the United States.

The data presented in this publication come from the College Board's *Annual Survey of Colleges* (ASC). The survey, administered each spring to over 3,200 postsecondary institutions across the country, collects a wealth of data on enrollment, admissions, degrees and majors, tuition, financial aid, and other aspects of undergraduate education. The College Board has conducted the Annual Survey for more than two decades, resulting in an extensive longitudinal data file about two-year, four-year, public and private colleges and universities.

Each fall, the College Board releases information from the Annual Survey on how much colleges and universities plan to charge undergraduate students in the upcoming academic year. Simultaneously we release information from a counterpart survey conducted by the College Board, *Trends in Student Aid*.

Taken together, the companion reports, *Trends in College Pricing* and *Trends in Student Aid*, tell much about the financing of postsecondary educational opportunity in America. One provides the latest information on how much college "costs." The other tracks the amount of financial assistance available to help pay these expenses. In both publications we report trend data in both current and constant (inflation-adjusted) dollars.

This report presents pricing data from the *Annual Survey of Colleges* for the 1999-2000 academic year, including:

- average fixed charges for undergraduates - tuition and fees and room and board;
- average non-fixed budget components - books and supplies, transportation, and other expenses; and
- sample student budgets for each type of institution.

The report also provides trend data over the past 25 years and analysis of college prices in relation to family income as well as available financial aid. In all cases, we have tried to present the data in ways that may be useful to different audiences, while ensuring the integrity of the data.

Page 18 of the report presents a new feature that may be of interest to readers—data courtesy of Statistics Canada on average tuition and fees charged by Canadian colleges and universities, from 1972-73 to 1999-00.

This report would not have been possible without the cooperation and work of the following individuals at the College Board: Renee Gernand and the *Annual Survey of Colleges* staff in Guidance Publishing; Hal Higginbotham, Jack Joyce, and Kathy Payea (consultant) of the College Scholarship Service; and the staff of the Communications and Government Relations Division.

We welcome reader comments and suggestions on these *Trends* reports. Visit College Board Online at *www.collegeboard.org* for an electronic version of this document and its counterpart, *Trends in Student Aid 1999*.

**Defining Terms**

According to the National Commission on the Cost of Higher Education, defining "cost," "price," and "subsidy" is not just a technical sidenote: it is critical to clarifying the issues in financing postsecondary education.

- **Costs** refer to the expenditures associated with delivering instruction, including physical plant and salaries.
- **Prices** are the expenses that students and parents face. **Sticker price** is the posted price institutions charge for tuition as well as room and board in the case of students residing on campus. A full student budget also includes books, supplies, and transportation. **Net price** is what the student and/or family must cover after financial aid awards are subtracted.
- **General subsidies** make it possible for institutions to charge less than the actual costs of instruction. State, federal, and local appropriations, as well as private philanthropy, reduce the prices faced by all students — whether or not they receive financial aid.

This report focuses on the sticker prices facing students and parents. It does not include estimates of average net price. However, we refer readers to the companion publication, *Trends in Student Aid 1999*, for data on the grant, loan, and work-study funds available to help families cover the expenses of college attendance.

This report also does not focus on the underlying costs of instruction or subsidies to institutions, although we do include an overview of sources of institutional revenue and how they have shifted over time.

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# HIGHLIGHTS

The College Board

**1999-00 Tuition and Fees**

For the 1999-00 academic year, the average tuition charged by public four-year colleges and universities is $3,356, up from $3,247 in 1998-99, an increase of 3.4 percent. Private four-year college tuition increased by 4.6 percent, from $14,709 to $15,380. Two-year public and private institutions are charging an average of $1,627 and $7,182 respectively, up 4.7 and 3.5 percent respectively. The average surcharge for out-of-state or out-of-district students at public institutions is $3,191 at two-year colleges and $5,350 at four-year colleges. (Tables 1 and 4)

**Regional Differences**

The Southwest offers the lowest tuition rates at both private and public four-year institutions ($11,275 and $2,536 respectively). New England has the highest rates, averaging $20,171 at four-year private institutions and $4,727 at four-year publics. (Table 4)

**Room & Board**

This year's room and board charges are between 3.6 and 4.8 percent higher than the previous year. Room and board averages $5,959 at four-year private colleges and $4,730 at four-year public colleges. (Table 1)

**Tuition & Fee Trends**

In the 1970s there was little, if any, real growth in college prices. Since 1980, however, college prices have been rising at twice and sometimes three times the Consumer Price Index. Over the ten-year period ending in 1999-00, after adjusting for inflation, average public four-year tuition and fees rose 51 percent compared to 34 percent for private four-year colleges. Since 1980-81, both public and private four-year college tuitions increased on average more than 110 percent over inflation. Private college tuition rose most sharply in the early and mid-1980s, while public tuition increased the most in the late 1980s and early 1990s. (Figure 4; Tables 5 and 6a)

**Affordability**

More than half of the students attending four-year institutions pay less than $4,000 in tuition and fees, and almost three quarters face tuition charges of less than $8,000. About 7 percent attend institutions charging tuition of $20,000 or more per year. For most Americans, college remains accessible, especially with the availability of more than $64 billion in financial aid. (Figures 1 and 8; Table 9; also see companion *Trends in Student Aid* report)

Combined with stagnant family income over the past 15 years, however, trends in college tuition present serious problems for low- and moderate-income families. While average, inflation-adjusted tuition has more than doubled at both public and private four-year institutions, median family income has risen only 22 per cent since 1981. Student aid, meanwhile, has increased in total value, but not enough to keep pace with the rise in tuition, and most of the growth in aid has been in the form of student borrowing. (Figure 6)

Median family income, moreover, tells only part of the story, because incomes have grown steadily less equal during the 1980s and 1990s. The share of family income required to pay college expenses has increased for many families, but it has gone up the most for those on the lower rungs of the economic ladder. (Figure 7; Table 8)

**Returns to Education**

College is an investment for a lifetime. Bachelor's degree recipients earn 75 percent more (on average) than those with only a high school diploma. Over a lifetime, the gap in earning potential between the high school diploma and the BA (or higher) exceeds $1,000,000. While the cost of college may be imposing to many families, the cost associated with **not** going to college is significant . (Figure 13; Table 12)

**Institutional Revenue**

In 1995-96, tuition and fees covered 28 percent of the revenue raised by institutions of higher education. Although the federal government is responsible for about three-quarters of available student financial aid, it contributes only 12 percent of the total revenues of colleges and universities. The states contribute approximately twice that amount. In 1980-81, tuition and fees generated 21 percent of the revenue of institutions. In the intervening years, a decline in state and federal funding for higher education has shifted more of the cost burden to students and families. (Figure 11)

**College Participation**

Enrollment in postsecondary education has been rising for all income groups in the 1980s and 1990s. Yet an individual's chances of entering and completing college remain closely correlated with economic background and circumstance. Wide gaps in opportunity persist between those at the bottom of the income ladder and those at the top. (Figure 9; Table 10).

## TABLE 1. Average Fixed Charges for Undergraduates, 1999-00

| | Tuition and Fees | | | Room and Board | | |
|---|---|---|---|---|---|---|
| Sector | 1999-00 | 1998-99 | % Change | 1999-00 | 1998-99 | % Change |
| Two-Year Public | 1,627 | 1,554 | 4.7% | * | * | * |
| Two-Year Private | 7,182 | 6,940 | 3.5% | 4,583 | 4,373 | 4.8% |
| Four-Year Public | 3,356 | 3,247 | 3.4% | 4,730 | 4,522 | 4.6% |
| Four-Year Private | 15,380 | 14,709 | 4.6% | 5,959 | 5,754 | 3.6% |

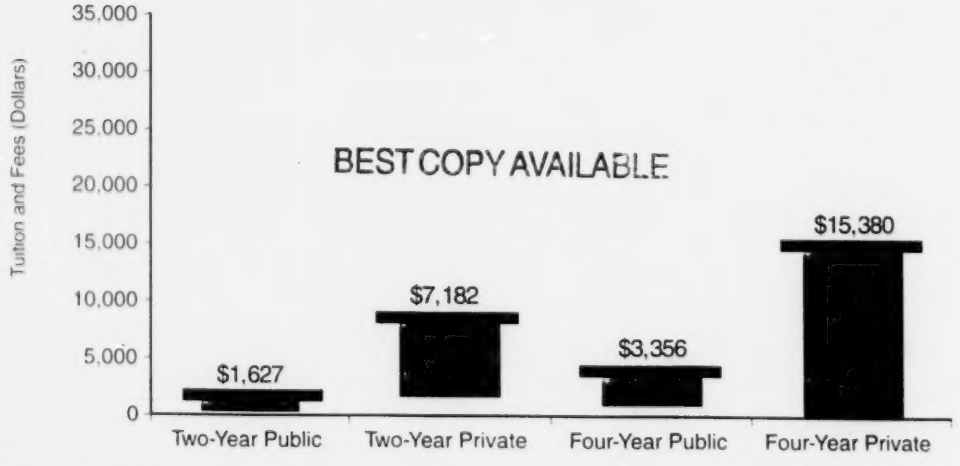
## TABLE 2. Average Expenses in Nonfixed Budget Components, 1999-00

| | All Students | Resident Students | | Commuter Students | | |
|---|---|---|---|---|---|---|
| Sector | Books/Supplies | Trans. | Other | Board Only | Trans. | Other |
| Two-Year Public | 645 | * | * | 2,128 | 997 | 1,202 |
| Two-Year Private | 681 | 686 | 1,132 | 2,029 | 932 | 1,132 |
| Four-Year Public | 681 | 658 | 1,484 | 2,213 | 1,005 | 1,519 |
| Four-Year Private | 700 | 558 | 1,054 | 2,324 | 907 | 1,189 |

* The sample was too small to provide meaningful information.
*These are **enrollment-weighted averages**, intended to reflect the average costs that students face in various types of institutions.*
*See technical notes on page 18 for a description of enrollment weighting.*

SOURCE: *Annual Survey of Colleges*, The College Board, New York, NY.

FIGURE 2. *Average and Range of Tuition and Fee Charges at Postsecondary Institutions, 1999-00*

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SOURCE: *Annual Survey of Colleges*, The College Board, New York, NY.

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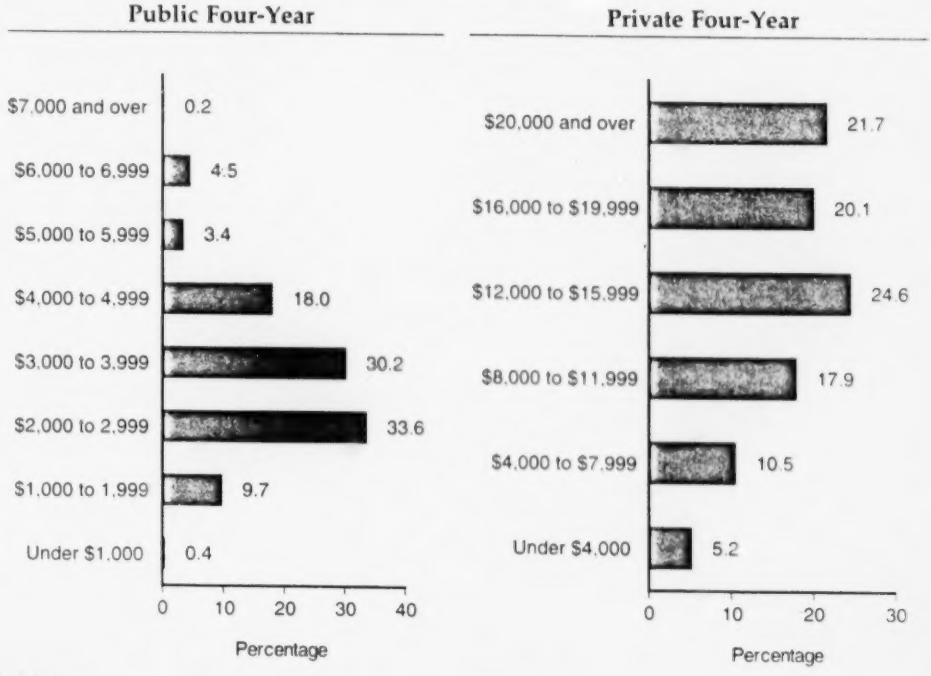
## TABLE 3. Sample Undergraduate Budgets (average), 1999-00

| Sector | Tuition & Fees | Books & Supplies | Room & Board | Trans-portation | Other Expenses | Total** Expenses |
|---|---|---|---|---|---|---|
| **Two-Year Public** | | | | | | |
| *Resident* | 1,627 | 625 | * | * | * | * |
| *Commuter* | 1,627 | 625 | 2,128 | 997 | 1,202 | 6,599 |
| **Two-Year Private** | | | | | | |
| *Resident* | 7,182 | 681 | 4,583 | 686 | 1,132 | 14,264 |
| *Commuter* | 7,182 | 681 | 2,029 | 932 | 1,132 | 11,956 |
| **Four-Year Public** | | | | | | |
| *Resident* | 3,356 | 681 | 4,730 | 658 | 1,484 | 10,909 |
| *Commuter* | 3,356 | 681 | 2,213 | 1,005 | 1,519 | 8,774 |
| ***Out-of-State*** | 8,706 | 681 | 4,730 | 658 | 1,484 | 16,259 |
| **Four-Year Private** | | | | | | |
| *Resident* | 15,380 | 700 | 5,959 | 558 | 1,054 | 23,651 |
| *Commuter* | 15,380 | 700 | 2,324 | 907 | 1,189 | 10,500 |

* The sample was too small to provide meaningful information.
**Based on estimated average student expenses.
*These are **enrollment-weighted averages**, intended to reflect the average costs that students face in various types of institutions.*

SOURCE: *Annual Survey of Colleges*, The College Board, New York, NY.

**FIGURE 3.** ***Distribution of Full-Time Undergraduates at Public and Private Four-Year Institutions by Tuition and Fees Charged, 1999-00***
*The cover graphic on this report shows the distribution of full-time undergraduates at all four-year colleges and universities, by tuition and fees charged. The two graphics to the right divide this overall picture into separate distributions for public and private institutions.*




SOURCE: *Annual Survey of Colleges*, The College Board, New York, NY.

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## TABLE 4. Average Student Expenses, by College Board Region, 1999-00

| | | | | Residential | | | Commuter | | |
|---|---|---|---|---|---|---|---|---|---|
| | Tuition & Fees | Out-of-state tuition | Books & supplies | Room and board | Trans. | Other costs | Board only | Trans. | Other costs |
| **NATIONAL** | | | | | | | | | |
| 2-yr public | 1,627 | 3,191 | 645 | — | — | — | 2,128 | 997 | 1,202 |
| 2-yr private | 7,182 | | 681 | 4,583 | 686 | 1,132 | 2,029 | 932 | 1,132 |
| 4-yr public | 3,356 | 5,350 | 681 | 4,730 | 658 | 1,484 | 2,213 | 1,005 | 1,519 |
| 4-yr private | 15,380 | | 700 | 5,959 | 558 | 1,054 | 2,324 | 907 | 1,189 |
| **New England** | | | | | | | | | |
| 2-yr public | 2,243 | 4,224 | 610 | — | — | — | 2,349 | 1,034 | 1,331 |
| 2-yr private | 14,332 | | 719 | 6,676 | — | 1,110 | 1,953 | 815 | 873 |
| 4-yr public | 4,727 | 5,998 | 652 | 5,205 | 507 | 1,250 | 2,047 | 945 | 1,206 |
| 4-yr private | 20,171 | | 708 | 7,205 | 489 | 1,004 | 2,274 | 1,048 | 1,034 |
| **Middle States** | | | | | | | | | |
| 2-yr public | 2,567 | 2,951 | 625 | — | — | — | 1,782 | 937 | 1,163 |
| 2-yr private | 9,139 | | 685 | — | — | — | 1,898 | 876 | 1,299 |
| 4-yr public | 4,427 | 4,447 | 705 | 5,409 | 532 | 1,275 | 2,263 | 926 | 1,421 |
| 4-yr private | 16,046 | | 672 | 6,825 | 413 | 984 | 2,103 | 843 | 1,118 |
| **South** | | | | | | | | | |
| 2-yr public | 1,290 | 3,067 | 626 | — | — | — | 2,105 | 1,142 | 1,060 |
| 2-yr private | 8,383 | | 628 | 4,143 | 556 | 1,206 | 1,507 | 976 | 790 |
| 4-yr public | 2,748 | 5,676 | 690 | 4,232 | 789 | 1,479 | 2,145 | 1,189 | 1,532 |
| 4-yr private | 13,186 | | 713 | 5,214 | 713 | 1,116 | 2,384 | 939 | 1,167 |
| **Midwest** | | | | | | | | | |
| 2-yr public | 1,850 | 3,400 | 675 | — | — | — | 2,464 | 1,024 | 1,213 |
| 2-yr private | 7,583 | | 690 | 3,964 | 575 | 1,161 | 1,649 | 1,002 | 1,501 |
| 4-yr public | 3,813 | 5,057 | 635 | 4,512 | 533 | 1,543 | 2,270 | 954 | 1,545 |
| 4-yr private | 14,558 | | 693 | 5,009 | 532 | 981 | 2,716 | 807 | 1,196 |
| **Southwest** | | | | | | | | | |
| 2-yr public | 1,106 | 1,678 | 658 | 2,642 | 830 | 1,078 | 1,946 | 1,128 | 1,184 |
| 2-yr private | 5,448 | | 655 | 3,759 | 819 | 1,180 | 2,108 | 1,147 | 1,362 |
| 4-yr public | 2,536 | 4,880 | 663 | 4,125 | 939 | 1,432 | 2,180 | 1,333 | 1,464 |
| 4-yr private | 11,275 | | 667 | 4,634 | 718 | 1,294 | 2,204 | 1,092 | 1,342 |
| **West** | | | | | | | | | |
| 2-yr public | *1,076* | 3,779 | *651* | — | — | — | *2,137* | *761* | *1,386* |
| 2-yr private | — | | — | — | — | — | — | — | — |
| 4-yr public | 2,708 | 6,819 | 734 | 5,534 | 789 | 1,721 | 2,224 | 812 | 1,618 |
| 4-yr private | 15,078 | | 780 | 6,155 | 654 | 1,282 | 2,207 | 1,002 | 1,388 |

SOURCE: *Annual Survey of Colleges*, The College Board, New York, NY.
Note: Averages in *italicized type* indicate that while the number of institutions reporting data on this item was large enough to support an analysis, the sample size was marginal. Data are enrollment weighted.

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## TABLE 5. Average Tuition & Fees in Current and Constant Dollars, 1971-72 to 1999-00

| Academic Year | Tuition and Fees - Current Dollars | | | | Tuition and Fees - Constant Dollars | | | |
|---|---|---|---|---|---|---|---|---|
| | Private Four Year | Private Two Year | Public Four Year | Public Two Year | Private Four Year | Private Two Year | Public Four Year | Public Two Year |
| 71-72 | 1,820 | 1,172 | 376 | 192 | 7,351 | 4,734 | 1,519 | 775 |
| 72-73 | 1,898 | 1,221 | 407 | 233 | 7,369 | 4,740 | 1,580 | 905 |
| 73-74 | 1,989 | 1,303 | 438 | 274 | 7,090 | 4,645 | 1,561 | 977 |
| 74-75 | 2,117 | 1,367 | 432 | 277 | 6,793 | 4,387 | 1,386 | 889 |
| 75-76 | 2,272 | 1,427 | 433 | 245 | 6,809 | 4,276 | 1,298 | 734 |
| 76-77 | 2,534 | 1,592 | 617 | 283 | 7,176 | 4,508 | 1,747 | 801 |
| 77-78 | 2,700 | 1,706 | 655 | 306 | 7,165 | 4,527 | 1,738 | 812 |
| 78-79 | 2,958 | 1,831 | 688 | 327 | 7,177 | 4,443 | 1,669 | 793 |
| 79-80 | 3,225 | 2,062 | 738 | 355 | 6,904 | 4,414 | 1,580 | 760 |
| 80-81 | 3,617 | 2,413 | 804 | 391 | 6,940 | 4,630 | 1,543 | 750 |
| 81-82 | 4,113 | 2,605 | 909 | 434 | 7,264 | 4,601 | 1,605 | 766 |
| 82-83 | 4,639 | 3,008 | 1,031 | 473 | 7,855 | 5,094 | 1,746 | 801 |
| 83-84 | 5,093 | 3,099 | 1,148 | 528 | 8,316 | 5,060 | 1,875 | 862 |
| 84-85 | 5,016 | 3,404 | 1,126 | 599 | 7,882 | 5,349 | 1,769 | 941 |
| 85-86 | 5,418 | 3,719 | 1,242 | 659 | 8,275 | 5,680 | 1,897 | 1,007 |
| 86-87 | 5,793 | 3,910 | 1,337 | 663 | 8,656 | 5,842 | 1,998 | 991 |
| 87-88 | 7,110 | 4,058 | 1,359 | 687 | 10,201 | 5,822 | 1,950 | 986 |
| 88-89 | 7,693 | 4,564 | 1,566 | 767 | 10,550 | 6,259 | 2,148 | 1,052 |
| 89-90 | 8,737 | 4,713 | 1,694 | 842 | 11,436 | 6,169 | 2,217 | 1,102 |
| 90-91 | 9,391 | 5,003 | 1,809 | 884 | 11,655 | 6,209 | 2,245 | 1,097 |
| 91-92 | 10,017 | 5,290 | 2,137 | 1,022 | 12,046 | 6,361 | 2,570 | 1,229 |
| 92-93 | 10,498 | 5,621 | 2,315 | 1,292 | 12,242 | 6,555 | 2,700 | 1,507 |
| 93-94 | 11,025 | 6,175 | 2,527 | 1,229 | 12,532 | 7,019 | 2,872 | 1,397 |
| 94-95 | 11,709 | 6,511 | 2,686 | 1,298 | 12,938 | 7,195 | 2,968 | 1,434 |
| 95-96 | 12,432 | 6,350 | 2,860 | 1,387 | 13,373 | 6,831 | 3,077 | 1,492 |
| 96-97 | 12,823 | 6,673 | 2,966 | 1,394 | 13,411 | 6,979 | 3,102 | 1,458 |
| 97-98 | 13,664 | 6,855 | 3,111 | 1,501 | 14,041 | 7,044 | 3,197 | 1,542 |
| 98-99 | 14,709 | 6,940 | 3,247 | 1,554 | 14,870 | 7,016 | 3,283 | 1,571 |
| 99-00 | 15,380 | 7,182 | 3,356 | 1,627 | 15,380 | 7,182 | 3,356 | 1,627 |

SOURCE: 1984-85 to 1999-00: enrollment-weighted data from the *Annual Survey of Colleges*, The College Board, New York, NY; 1971-72 to 1983-84: non-weighted data from Integrated Postsecondary Education Data System (IPEDS), U.S. Department of Education, National Center for Education Statistics.

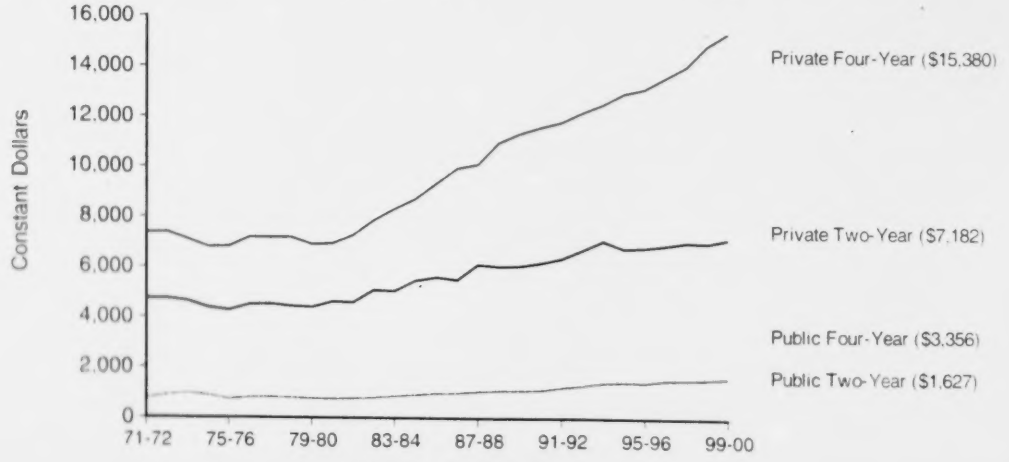


**FIGURE 4.**
*Average Tuition and Fee Charges, in Constant Dollars, 1971-72 to 1999-00*

SOURCE: *See Table 5 above.*

## TABLE 6. Average Annual Tuition and Fees, Room and Board, and Total Fixed-Costs for Undergraduates, by Institution Type, in Current Dollars, 1989-90 to 1999-00

**Tuition & Fees**

| Sector | 89-90 | 90-91 | 91-92 | 92-93 | 93-94 | 94-95 | 95-96 | 96-97 | 97-98 | 98-99 | 99-00 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Two-Year Public** | 842 | 884 | 1,022 | 1,292 | 1,229 | 1,298 | 1,387 | 1,394 | 1,501 | 1,554 | 1,627 |
| **Two-Year Private** | 4,713 | 5,003 | 5,290 | 5,621 | 6,175 | 6,511 | 6,350 | 6,673 | 6,855 | 6,940 | 7,182 |
| **Four-Year Public** | 1,694 | 1,809 | 2,137 | 2,315 | 2,527 | 2,686 | 2,860 | 2,966 | 3,111 | 3,247 | 3,356 |
| **Four-Year Private** | 8,737 | 9,391 | 10,017 | 10,498 | 11,025 | 11,709 | 12,432 | 12,823 | 13,664 | 14,709 | 15,380 |

**Room and Board**

| Sector | 89-90 | 90-91 | 91-92 | 92-93 | 93-94 | 94-95 | 95-96 | 96-97 | 97-98 | 98-99 | 99-00 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Two-Year Public** | — | — | — | — | — | — | — | — | — | — | — |
| **Two-Year Private** | 3,258 | 3,481 | 3,734 | 3,750 | 3,980 | 4,040 | 4,243 | 4,231 | 4,543 | 4,373 | 4,583 |
| **Four-Year Public** | 3,039 | 3,161 | 3,351 | 3,526 | 3,680 | 3,826 | 3,963 | 4,152 | 4,361 | 4,522 | 4,730 |
| **Four-Year Private** | 3,898 | 4,153 | 4,386 | 4,575 | 4,793 | 4,976 | 5,199 | 5,361 | 5,549 | 5,754 | 5,959 |

**Total Fixed Costs**

| Sector | 89-90 | 90-91 | 91-92 | 92-93 | 93-94 | 94-95 | 95-96 | 96-97 | 97-98 | 98-99 | 99-00 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Two-Year Public** | 842 | 884 | 1,022 | 1,292 | 1,229 | 1,298 | 1,387 | 1,394 | 1,501 | 1,554 | 1,627 |
| **Two-Year Private** | 7,971 | 8,484 | 9,024 | 9,371 | 10,155 | 10,551 | 10,593 | 10,904 | 11,398 | 11,313 | 11,765 |
| **Four-Year Public** | 4,733 | 4,970 | 5,488 | 5,841 | 6,207 | 6,512 | 6,823 | 7,118 | 7,472 | 7,769 | 8,086 |
| **Four-Year Private** | 12,635 | 13,544 | 14,403 | 15,073 | 15,818 | 16,685 | 17,631 | 18,184 | 19,213 | 20,463 | 21,339 |

All data are **enrollment-weighted averages**, intended to reflect the average costs that students face in various types of institutions.
SOURCE: *Annual Survey of Colleges*, The College Board, New York, NY.

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## TABLE 6a. Average Annual Tuition and Fees, Room and Board, and Total Fixed-Costs for Undergraduates, by Institution Type, in Constant Dollars, 1989-90 to 1999-00

**Tuition & Fees**

| Sector | 89-90 | 90-91 | 91-92 | 92-93 | 93-94 | 94-95 | 95-96 | 96-97 | 97-98 | 98-99 | 99-00 | *10-yr change* | *10-yr % change* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Two-Year Public | 1,102 | 1,097 | 1,229 | 1,507 | 1,397 | 1,434 | 1,492 | 1,458 | 1,542 | 1,571 | 1,627 | 525 | 48 |
| Two-Year Private | 6,169 | 6,209 | 6,361 | 6,555 | 7,019 | 7,195 | 6,831 | 6,979 | 7,044 | 7,016 | 7,182 | 1,013 | 16 |
| Four-Year Public | 2,217 | 2,245 | 2,570 | 2,700 | 2,872 | 2,968 | 3,077 | 3,102 | 3,197 | 3,283 | 3,356 | 1,139 | 51 |
| Four-Year Private | 11,436 | 11,655 | 12,046 | 12,242 | 12,532 | 12,938 | 13,373 | 13,411 | 14,041 | 14,870 | 15,380 | 3,944 | 34 |

**Room & Board**

| Sector | 89-90 | 90-91 | 91-92 | 92-93 | 93-94 | 94-95 | 95-96 | 96-97 | 97-98 | 98-99 | 99-00 | *10-yr change* | *10-yr % change* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Two-Year Public** | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Two-Year Private | 4,264 | 4,320 | 4,490 | 4,373 | 4,524 | 4,464 | 4,564 | 4,425 | 4,668 | 4,421 | 4,583 | 319 | 7 |
| Four-Year Public | 3,978 | 3,923 | 4,030 | 4,112 | 4,183 | 4,228 | 4,263 | 4,343 | 4,481 | 4,572 | 4,730 | 752 | 19 |
| Four-Year Private | 5,102 | 5,154 | 5,274 | 5,335 | 5,448 | 5,498 | 5,593 | 5,607 | 5,702 | 5,817 | 5,959 | 857 | 17 |

**Total Fixed Costs**

| Sector | 89-90 | 90-91 | 91-92 | 92-93 | 93-94 | 94-95 | 95-96 | 96-97 | 97-98 | 98-99 | 99-00 | *10-yr change* | *10-yr % change* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Two-Year Public | 1,102 | 1,097 | 1,229 | 1,507 | 1,397 | 1,434 | 1,492 | 1,458 | 1,542 | 1,571 | 1,627 | 525 | 48 |
| Two-Year Private | 10,433 | 10,529 | 10,852 | 10,928 | 11,543 | 11,659 | 11,395 | 11,404 | 11,712 | 11,437 | 11,765 | 1,332 | 13 |
| Four-Year Public | 6,195 | 6,168 | 6,599 | 6,811 | 7,055 | 7,196 | 7,340 | 7,445 | 7,678 | 7,854 | 8,086 | 1,891 | 31 |
| Four-Year Private | 16,538 | 16,809 | 17,320 | 17,577 | 17,980 | 18,437 | 18,966 | 19,018 | 19,743 | 20,687 | 21,339 | 4,801 | 29 |

All data are **enrollment-weighted averages**, intended to reflect the average costs that students face in various types of institutions.
SOURCE: *Annual Survey of Colleges*, The College Board, New York, NY.

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## TABLE 7. Tuition and Fees, by Region and Institution Type, in Current Dollars, 1989-90 to 1999-00

| | Tuition & Fees | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sector** | **89-90** | **90-91** | **91-92** | **92-93** | **93-94** | **94-95** | **95-96** | **96-97** | **97-98** | **98-99** | **99-00** |
| **National** | | | | | | | | | | | |
| 2-yr public | 842 | 884 | 1,022 | 1,292 | 1,229 | 1,298 | 1,387 | 1,394 | 1,567 | 1,554 | 1,627 |
| 2-yr private | 4,713 | 5,003 | 5,290 | 5,621 | 6,175 | 6,511 | 6,350 | 6,673 | 7,079 | 6,940 | 7,182 |
| 4-yr public | 1,694 | 1,809 | 2,137 | 2,315 | 2,527 | 2,686 | 2,860 | 2,966 | 3,111 | 3,247 | 3,356 |
| 4-yr private | 8,737 | 9,391 | 10,017 | 10,498 | 11,025 | 11,709 | 12,432 | 12,823 | 13,785 | 14,709 | 15,380 |
| **New England** | | | | | | | | | | | |
| 2-yr public | 1,172 | 1,356 | 1,749 | 1,891 | 2,134 | 2,236 | 2,230 | 2,285 | 2,343 | 2,302 | 2,243 |
| 2-yr private | 6,780 | 7,643 | 7,835 | 8,216 | 8,636 | 9,503 | 10,801 | 10,867 | 12,548 | 12,237 | 14,332 |
| 4-yr public | 2,067 | 2,550 | 3,439 | 3,650 | 3,921 | 4,168 | 4,272 | 4,313 | 4,487 | 4,635 | 4,727 |
| 4-yr private | 11,305 | 12,313 | 13,487 | 14,095 | 14,942 | 15,593 | 16,416 | 17,196 | 18,050 | 19,211 | 20,171 |
| **Middle States** | | | | | | | | | | | |
| 2-yr public | 1,336 | 1,403 | 1,812 | 1,915 | 1,913 | 1,978 | 2,202 | 2,497 | 2,602 | 2,622 | 2,567 |
| 2-yr private | 6,060 | 6,440 | 7,098 | 7,684 | 8,330 | 8,827 | 8,001 | 7,987 | 8,728 | 9,276 | 9,139 |
| 4-yr public | 1,721 | 2,081 | 2,770 | 3,129 | 3,261 | 3,490 | 3,876 | 3,892 | 4,054 | 4,201 | 4,427 |
| 4-yr private | 9,471 | 9,967 | 10,469 | 11,079 | 11,669 | 12,396 | 13,201 | 13,603 | 14,603 | 15,381 | 16,046 |
| **South** | | | | | | | | | | | |
| 2-yr public | 697 | 712 | 840 | 907 | 969 | 1,002 | 1,028 | 1,075 | 1,180 | 1,235 | 1,290 |
| 2-yr private | 4,160 | 4,571 | 4,617 | 4,691 | 5,569 | 6,586 | 7,426 | 7,047 | 8,387 | 9,250 | 8,383 |
| 4-yr public | 1,760 | 1,804 | 1,873 | 2,027 | 2,175 | 2,265 | 2,337 | 2,419 | 2,541 | 2,675 | 2,748 |
| 4-yr private | 7,353 | 7,856 | 8,478 | 8,996 | 9,541 | 10,096 | 10,777 | 11,124 | 11,961 | 12,636 | 13,186 |
| **Midwest** | | | | | | | | | | | |
| 2-yr public | 1,118 | 1,201 | 1,273 | 1,400 | 1,516 | 1,554 | 1,632 | 1,687 | 1,767 | 1,834 | 1,850 |
| 2-yr private | 4,622 | 4,360 | 4,541 | 5,663 | 6,135 | 6,301 | 6,361 | 6,681 | 6,662 | 7,950 | 7,583 |
| 4-yr public | 1,991 | 2,132 | 2,348 | 2,523 | 2,780 | 2,930 | 3,104 | 3,251 | 3,440 | 3,647 | 3,813 |
| 4-yr private | 8,028 | 8,800 | 9,446 | 10,075 | 10,656 | 11,203 | 11,875 | 12,433 | 13,277 | 14,007 | 14,558 |
| **Southwest** | | | | | | | | | | | |
| 2-yr public | 540 | 599 | 665 | 701 | 743 | 756 | 812 | 895 | 894 | 995 | 1,106 |
| 2-yr private | 2,850 | 2,904 | 3,121 | 3,555 | 3,338 | 3,989 | 4,008 | 4,121 | 5,079 | — | 5,448 |
| 4-yr public | 1,140 | 1,176 | 1,284 | 1,411 | 1,534 | 1,707 | 1,910 | 2,147 | 2,363 | 2,526 | 2,536 |
| 4-yr private | 5,642 | 6,528 | 7,106 | 7,542 | 7,976 | 8,691 | 9,019 | 9,522 | 10,123 | 10,701 | 11,275 |
| **West** | | | | | | | | | | | |
| 2-yr public | 398 | 405 | 477 | 636 | 794 | 812 | 808 | 834 | 925 | 1,053 | 1,076 |
| 2-yr private | 2,592 | 2,662 | 2,714 | 2,781 | 3,251 | 3,407 | 3,404 | 3,337 | 3,558 | 3,779 | — |
| 4-yr public | 1,325 | 1,398 | 1,673 | 1,973 | 2,267 | 2,467 | 2,561 | 2,588 | 2,680 | 2,660 | 2,708 |
| 4-yr private | 8,309 | 9,028 | 9,793 | 10,252 | 10,884 | 11,616 | 12,245 | 12,893 | 13,587 | 14,290 | 15,078 |

All data are **enrollment-weighted averages**, intended to reflect the average costs that students face in various types of institutions.
SOURCE: *Annual Survey of Colleges*, The College Board, New York, NY.

# TABLE 7a. Tuition and Fees, by Region and Institution Type, in Constant Dollars, 1989-90 to 1999-00

| Sector | Tuition & Fees | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 89-90 | 90-91 | 91-92 | 92-93 | 93-94 | 94-95 | 95-96 | 96-97 | 97-98 | 98-99 | 99-00 | 10-yr change | 10-yr % change |
| **National** | | | | | | | | | | | | | |
| 2-yr public | 1,102 | 1,097 | 1,229 | 1,507 | 1,397 | 1,434 | 1,492 | 1,458 | 1,610 | 1,571 | 1,627 | 525 | 48 |
| 2-yr private | 6,169 | 6,209 | 6,361 | 6,555 | 7,019 | 7,195 | 6,831 | 6,979 | 7,274 | 7,016 | 7,182 | 1,013 | 16 |
| 4-yr public | 2,217 | 2,245 | 2,570 | 2,700 | 2,872 | 2,968 | 3,077 | 3,102 | 3,197 | 3,283 | 3,356 | 1,139 | 51 |
| 4-yr private | 11,436 | 11,655 | 12,046 | 12,242 | 12,532 | 12,938 | 13,373 | 13,411 | 14,165 | 14,870 | 15,380 | 3,944 | 34 |
| **New England** | | | | | | | | | | | | | |
| 2-yr public | 1,534 | 1,683 | 2,103 | 2,205 | 2,426 | 2,471 | 2,399 | 2,390 | 2,408 | 2,327 | 2,243 | 709 | 46 |
| 2-yr private | 8,874 | 9,486 | 9,422 | 9,581 | 9,816 | 10,501 | 11,619 | 11,366 | 12,894 | 12,371 | 14,332 | 5,458 | 61 |
| 4-yr public | 2,706 | 3,165 | 4,136 | 4,256 | 4,457 | 4,606 | 4,596 | 4,511 | 4,611 | 4,686 | 4,727 | 2,021 | 75 |
| 4-yr private | 14,797 | 15,281 | 16,219 | 16,436 | 16,984 | 17,230 | 17,659 | 17,985 | 18,548 | 19,421 | 20,171 | 5,374 | 36 |
| **Middle States** | | | | | | | | | | | | | |
| 2-yr public | 1,749 | 1,741 | 2,179 | 2,233 | 2,174 | 2,186 | 2,369 | 2,612 | 2,674 | 2,651 | 2,567 | 818 | 47 |
| 2-yr private | 7,932 | 7,992 | 8,536 | 8,960 | 9,468 | 9,754 | 8,607 | 8,353 | 8,969 | 9,378 | 9,139 | 1,207 | 15 |
| 4-yr public | 2,253 | 2,583 | 3,331 | 3,649 | 3,707 | 3,856 | 4,170 | 4,071 | 4,166 | 4,247 | 4,427 | 2,174 | 97 |
| 4-yr private | 12,397 | 12,370 | 12,589 | 12,919 | 13,264 | 13,697 | 14,201 | 14,227 | 15,006 | 15,549 | 16,046 | 3,649 | 29 |
| **South** | | | | | | | | | | | | | |
| 2-yr public | 912 | 884 | 1,010 | 1,058 | 1,101 | 1,107 | 1,106 | 1,124 | 1,213 | 1,249 | 1,290 | 378 | 41 |
| 2-yr private | 5,445 | 5,673 | 5,552 | 5,470 | 6,330 | 7,277 | 7,988 | 7,370 | 8,618 | 9,351 | 8,383 | 2,938 | 54 |
| 4-yr public | 2,304 | 2,239 | 2,252 | 2,364 | 2,472 | 2,503 | 2,514 | 2,530 | 2,611 | 2,704 | 2,748 | 444 | 19 |
| 4-yr private | 9,624 | 9,750 | 10,195 | 10,490 | 10,845 | 11,156 | 11,593 | 11,634 | 12,291 | 12,774 | 13,186 | 3,562 | 37 |
| **Midwest** | | | | | | | | | | | | | |
| 2-yr public | 1,463 | 1,491 | 1,531 | 1,633 | 1,723 | 1,717 | 1,756 | 1,764 | 1,816 | 1,854 | 1,850 | 387 | 26 |
| 2-yr private | 6,050 | 5,411 | 5,461 | 6,604 | 6,973 | 6,963 | 6,843 | 6,988 | 6,846 | 8,037 | 7,583 | 1,533 | 25 |
| 4-yr public | 2,606 | 2,646 | 2,824 | 2,942 | 3,160 | 3,238 | 3,339 | 3,400 | 3,535 | 3,687 | 3,813 | 1,207 | 46 |
| 4-yr private | 10,508 | 10,921 | 11,359 | 11,749 | 12,112 | 12,379 | 12,774 | 13,004 | 13,643 | 14,160 | 14,558 | 4,050 | 39 |
| **Southwest** | | | | | | | | | | | | | |
| 2-yr public | 706 | 743 | 790 | 817 | 845 | 835 | 873 | 936 | 919 | 1,006 | 1,106 | 400 | 57 |
| 2-yr private | 3,730 | 3,604 | 3,753 | 4,146 | 3,794 | 4,408 | 4,312 | 4,310 | 5,219 | — | 5,448 | 1,718 | 46 |
| 4-yr public | 1,492 | 1,459 | 1,544 | 1,645 | 1,744 | 1,886 | 2,055 | 2,246 | 2,428 | 2,554 | 2,536 | 1,044 | 70 |
| 4-yr private | 7,385 | 8,102 | 8,545 | 8,795 | 9,066 | 9,603 | 9,702 | 9,959 | 10,402 | 10,818 | 11,275 | 3,890 | 53 |
| **West** | | | | | | | | | | | | | |
| 2-yr public | 521 | 503 | 574 | 741 | 903 | 897 | 869 | 872 | 950 | 1,065 | 1,076 | 555 | 107 |
| 2-yr private | — | 3,304 | 3,264 | 3,243 | 3,695 | 3,765 | 3,662 | 3,490 | 3,656 | 3,820 | — | — | — |
| 4-yr public | 1,734 | 1,735 | 2,012 | 2,301 | 2,577 | 2,726 | 2,755 | 2,707 | 2,754 | 2,689 | 2,708 | 974 | 56 |
| 4-yr private | 10,876 | 11,204 | 11,776 | 11,955 | 12,372 | 12,836 | 13,172 | 13,485 | 13,962 | 14,446 | 15,078 | 4,202 | 39 |

All data are **enrollment-weighted averages**, intended to reflect the average costs that students face in various types of institutions.
SOURCE: *Annual Survey of Colleges*, The College Board, New York, NY.



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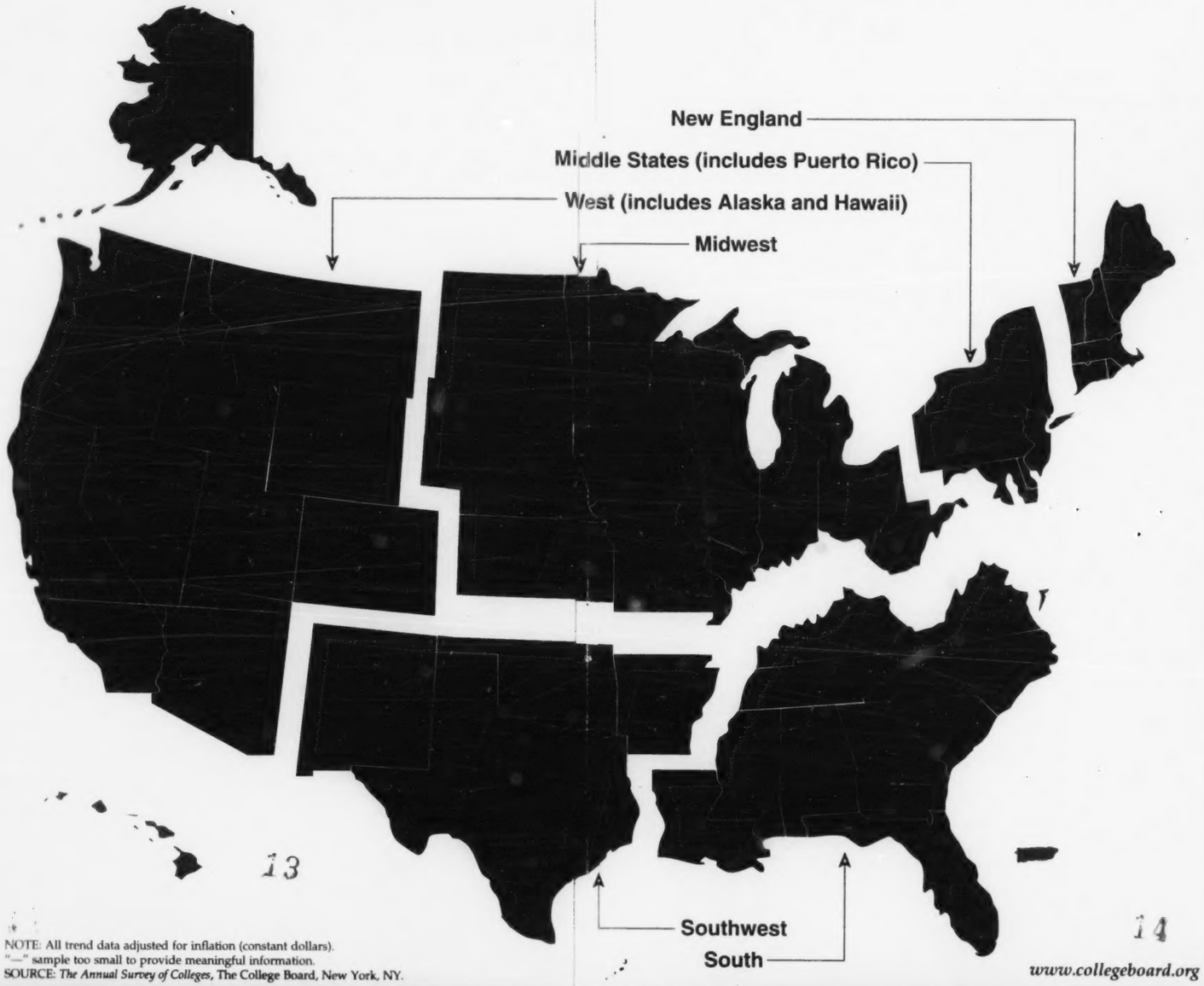
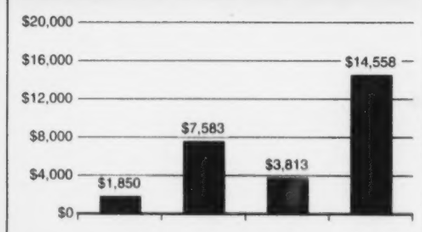
FIGURE 5

# Regional Tuition and Fee Charges

## by College Board Region, 1989-90 and 1999-00.

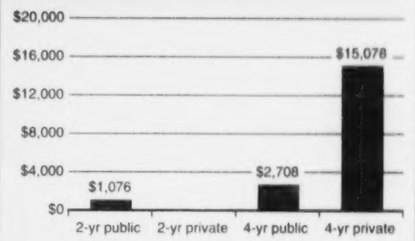



### Midwest



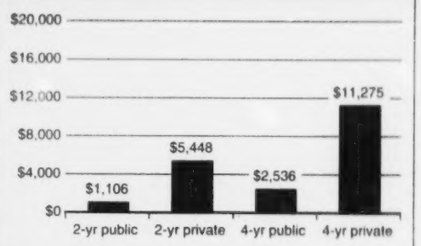

| Midwest | 1989-90 | 1999-00 | % Change |
|---|---|---|---|
| 2-yr public | 1,463 | 1,850 | 26 |
| 2-yr private | 6,050 | 7,583 | 25 |
| 4-yr public | 2,606 | 3,813 | 46 |
| 4-yr private | 10,508 | 14,558 | 39 |

### West



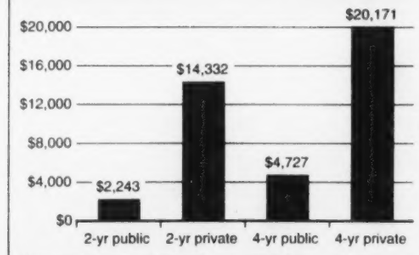

| West | 1989-90 | 1999-00 | % Change |
|---|---|---|---|
| 2-yr public | 521 | 1,076 | 107 |
| 2-yr private | — | — | — |
| 4-yr public | 1,734 | 2,708 | 56 |
| 4-yr private | 10,876 | 15,078 | 39 |

### Southwest



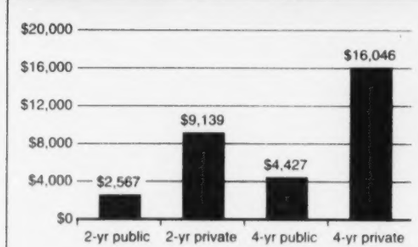

| Southwest | 1989-90 | 1999-00 | % Change |
|---|---|---|---|
| 2-yr public | 706 | 1,106 | 57 |
| 2-yr private | 3,730 | 5,448 | 46 |
| 4-yr public | 1,492 | 2,536 | 70 |
| 4-yr private | 7,385 | 11,275 | 53 |

### New England



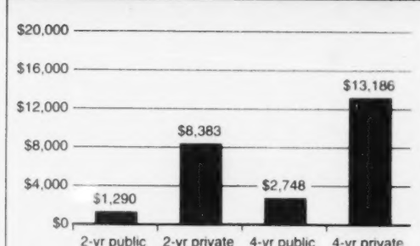

| New England | 1989-90 | 1999-00 | % Change |
|---|---|---|---|
| 2-yr public | 1,534 | 2,243 | 46 |
| 2-yr private | 8,874 | 14,332 | 61 |
| 4-yr public | 2,706 | 4,727 | 75 |
| 4-yr private | 14,797 | 20,171 | 36 |

### Middle States




| Middle States | 1989-90 | 1999-00 | % Change |
|---|---|---|---|
| 2-yr public | 1,749 | 2,567 | 47 |
| 2-yr private | 7,932 | 9,139 | 15 |
| 4-yr public | 2,253 | 4,427 | 97 |
| 4-yr private | 12,397 | 16,046 | 29 |

### South




| South | 1989-90 | 1999-00 | % Change |
|---|---|---|---|
| 2-yr public | 912 | 1,290 | 41 |
| 2-yr private | 5,445 | 8,383 | 54 |
| 4-yr public | 2,304 | 2,748 | 19 |
| 4-yr private | 9,624 | 13,186 | 37 |

NOTE: All trend data adjusted for inflation (constant dollars).
"—" sample too small to provide meaningful information.
SOURCE: *The Annual Survey of Colleges*, The College Board, New York, NY.

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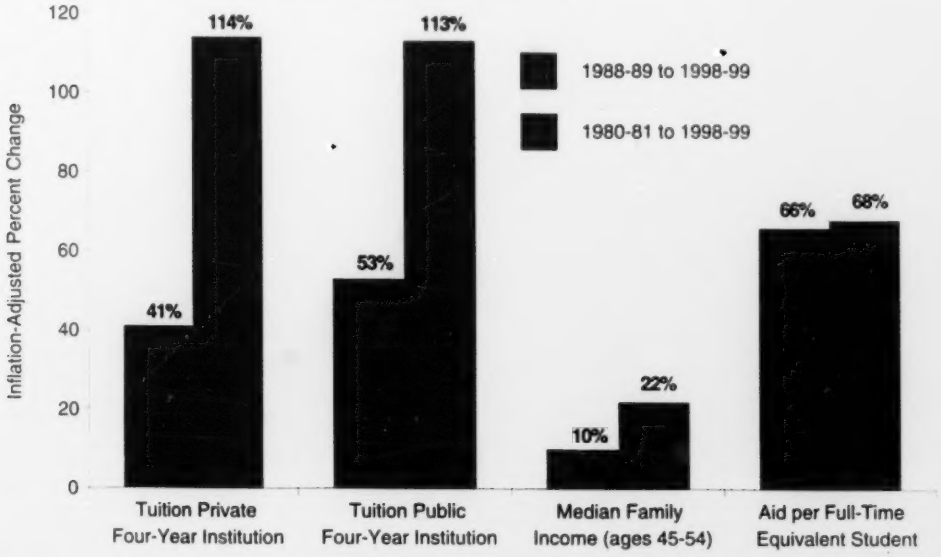
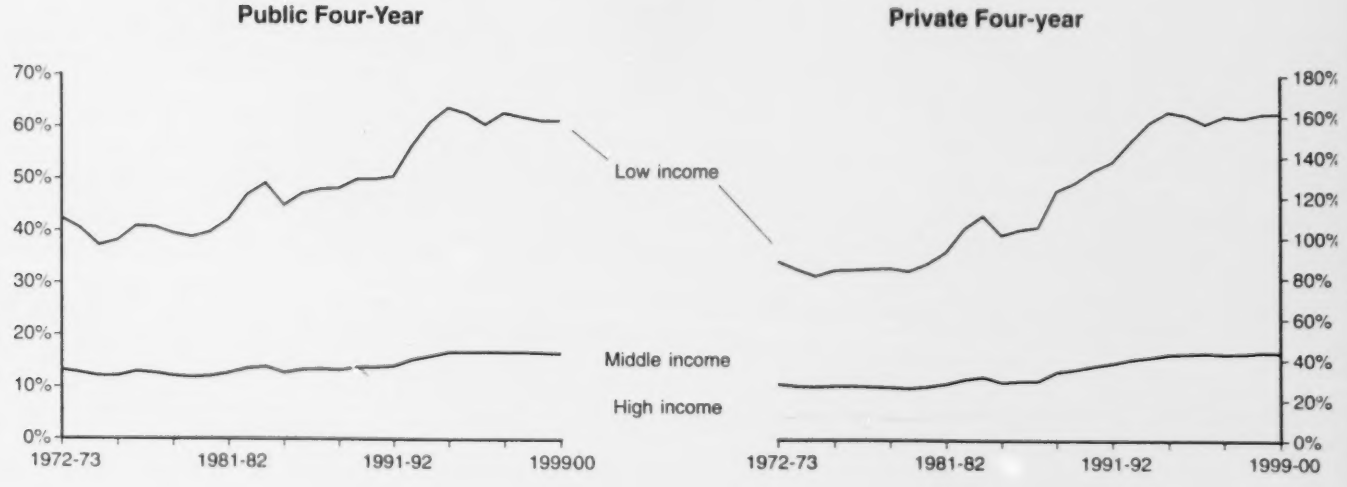
FIGURE 6. *Inflation-Adjusted Changes in Tuition, Family Income, and Student Aid, 1988-89 to 1998-99 and 1980-81 to 1998-89*




SOURCE: *Annual Survey of Colleges & Trends in Student Aid 1999*, The College Board, New York, NY.
NOTE: The end-year for this graphic analysis is 1998-99 rather than 1999-00 because family income and financial aid data are not available for the latter year.

FIGURE 7. *Cost of Attendance of Four-Year Public and Private Institutions, as a Share of Family Income, 1972-73 to 1999-00*




SOURCE: *Annual Survey of Colleges*, The College Board, New York, NY; data pre-1984-85 from Integrated Postsecondary Education Data System (IPEDS), U.S. Department of Education, National Center for Education Statistics; income data from the U.S. Department of Commerce, Bureau of Labor Statistics.

## TABLE 8. Cost of Attendance at Four-Year Public and Private Institutions as a Percentage Share of Family Income; Cost of Attendance; and Mean Family Income, in Constant Dollars, 1971-72 to 1999-00

| Year | Percentage | | | | | | Constant Dollar Amounts | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Public Four-Year | | | Private Four-Year | | | COA | | Mean Family Income by Quintiles | | | | | |
| | Low Income | Middle Income | High Income | Low Income | Middle Income | High Income | Public Four-Year | Private Four-Year | Lowest Fifth | Second Fifth | Middle Fifth | Fourth Fifth | Highest Fifth | |
| 1971-72 | 42% | 13% | 6% | 91% | 29% | 12% | 5,481 | 11,781 | 12,928 | 28,143 | 41,176 | 55,765 | 96,049 | |
| 1972-73 | 42% | 13% | 6% | 88% | 28% | 12% | 5,661 | 11,795 | 13,359 | 29,149 | 42,815 | 58,469 | 101,405 | |
| 1973-74 | 40% | 13% | 5% | 84% | 26% | 11% | 5,408 | 11,278 | 13,374 | 28,970 | 42,565 | 58,171 | 99,806 | |
| 1974-75 | 37% | 12% | 5% | 81% | 26% | 11% | 5,016 | 10,920 | 13,478 | 28,451 | 41,537 | 56,909 | 95,892 | |
| 1975-76 | 38% | 12% | 5% | 84% | 27% | 12% | 4,993 | 10,977 | 13,087 | 27,667 | 41,138 | 56,326 | 94,919 | |
| 1976-77 | 41% | 13% | 6% | 84% | 27% | 12% | 5,482 | 11,259 | 13,394 | 28,346 | 42,284 | 57,773 | 97,237 | |
| 1977-78 | 41% | 13% | 5% | 85% | 26% | 11% | 5,408 | 11,251 | 13,286 | 28,401 | 42,714 | 58,922 | 99,264 | |
| 1978-79 | 40% | 12% | 5% | 85% | 26% | 11% | 5,204 | 11,183 | 13,165 | 28,550 | 42,870 | 59,065 | 100,227 | |
| 1979-80 | 39% | 12% | 5% | 84% | 26% | 11% | 4,984 | 10,732 | 12,841 | 27,762 | 41,868 | 57,642 | 98,868 | |
| 1980-81 | 40% | 12% | 5% | 87% | 27% | 11% | 4,894 | 10,733 | 12,300 | 26,776 | 40,450 | 56,119 | 94,488 | |
| 1981-82 | 42% | 13% | 5% | 93% | 28% | 12% | 5,069 | 11,179 | 12,014 | 26,127 | 39,960 | 56,104 | 94,136 | |
| 1982-83 | 47% | 14% | 6% | 105% | 30% | 12% | 5,410 | 12,067 | 11,523 | 26,145 | 39,922 | 56,633 | 97,859 | |
| 1983-84 | 49% | 14% | 6% | 111% | 31% | 13% | 5,606 | 12,670 | 11,409 | 26,250 | 40,388 | 57,561 | 99,805 | |
| 1984-85 | 45% | 13% | 5% | 102% | 29% | 12% | 5,313 | 11,998 | 11,818 | 27,059 | 41,749 | 59,700 | 103,757 | |
| 1985-86 | 47% | 13% | 5% | 104% | 29% | 12% | 5,674 | 12,523 | 12,019 | 27,579 | 42,581 | 61,036 | 108,470 | |
| 1986-87 | 48% | 13% | 5% | 106% | 29% | 11% | 5,917 | 12,987 | 12,309 | 28,420 | 44,030 | 62,911 | 113,314 | |
| 1987-88 | 48% | 13% | 5% | 123% | 34% | 13% | 5,888 | 15,054 | 12,205 | 28,567 | 44,359 | 63,486 | 116,023 | |
| 1988-89 | 50% | 14% | 5% | 127% | 35% | 13% | 6,096 | 15,538 | 12,198 | 28,407 | 44,205 | 63,485 | 116,485 | |
| 1989-90 | 50% | 14% | 5% | 134% | 37% | 14% | 6,195 | 16,538 | 12,388 | 28,820 | 44,773 | 64,416 | 121,288 | |
| 1990-91 | 51% | 14% | 5% | 138% | 38% | 14% | 6,168 | 16,809 | 12,203 | 28,464 | 43,837 | 63,043 | 117,162 | |
| 1991-92 | 56% | 15% | 6% | 148% | 40% | 15% | 6,599 | 17,320 | 11,705 | 27,785 | 43,112 | 62,528 | 114,878 | |
| 1992-93 | 61% | 16% | 6% | 157% | 41% | 15% | 6,811 | 17,577 | 11,178 | 26,962 | 42,595 | 61,914 | 115,214 | |
| 1993-94 | 64% | 17% | 6% | 162% | 43% | 14% | 7,055 | 17,980 | 11,070 | 26,587 | 42,132 | 62,455 | 126,190 | |
| 1994-95 | 63% | 17% | 6% | 161% | 43% | 14% | 7,196 | 18,437 | 11,478 | 27,155 | 42,883 | 63,389 | 127,746 | |
| 1995-96 | 61% | 17% | 6% | 157% | 43% | 15% | 7,340 | 18,966 | 12,118 | 27,921 | 43,714 | 63,960 | 128,499 | |
| 1996-97 | 63% | 17% | 6% | 160% | 43% | 14% | 7,445 | 19,018 | 11,858 | 28,079 | 44,416 | 64,899 | 131,392 | |
| 1997-98 | 62% | 17% | 6% | 159% | 43% | 14% | 7,678 | 19,743 | 12,389 | 29,031 | 45,804 | 67,165 | 137,987 | |
| 1998-99* | 61% | 17% | 6% | 161% | 44% | 14% | 7,854 | 20,687 | 12,816 | 29,921 | 47,193 | 69,018 | 142,718 | |
| 1999-00* | 61% | 17% | 5% | 162% | 44% | 14% | 8,086 | 21,339 | 13,191 | 30,922 | 48,891 | 71,490 | 149,261 | |

*1998-99 and 1999-00 income data are estimated using a three-year rolling average.

NOTE: Low, middle, and high income labels above refer to the lowest, middle, and highest income quintiles from the right side of the table.

SOURCE: 1984-85 to 1999-00 Cost of Attendance Data compiled from the College Board's *Annual Survey of Colleges*; pre-1984-85 from the Integrated Postsecondary Education Data System (IPEDS), U.S. Department of Education, National Center for Education Statistics; income data from the U.S. Census Bureau web site (www.census.gov/hhes/income).



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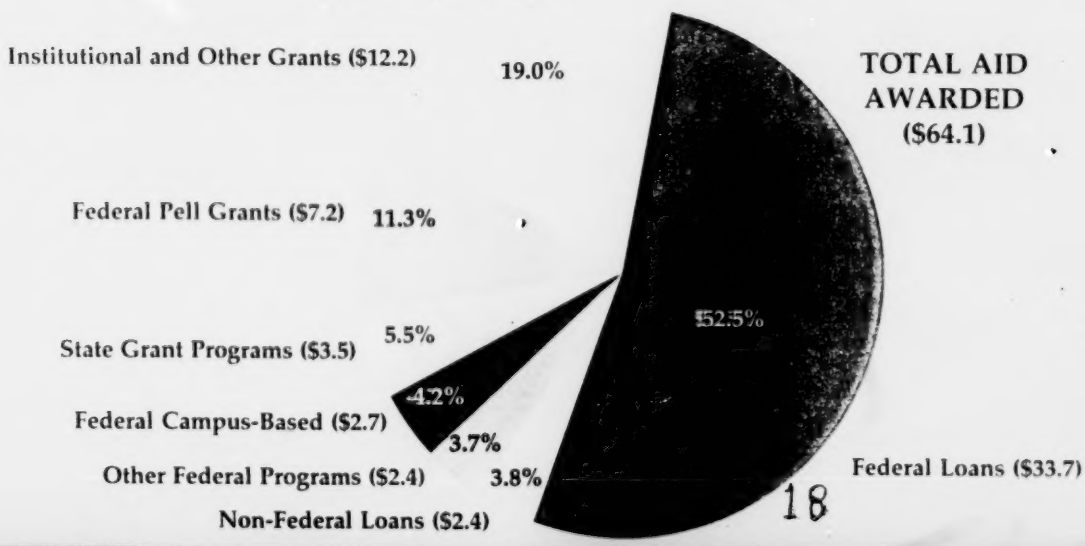
## TABLE 9. Aid Awarded to Postsecondary Students, 1988-89 to 1998-99 in Current and Constant Dollars (in Millions)

| | Current Dollars | | Constant Dollars | | |
|---|---|---|---|---|---|
| | | Preliminary | | Preliminary | 10-year |
| | 1988-89 | 1998-99 | 1988-89 | 1998-99 | % Change |
| **Federally Supported Programs** | | | | | |
| PELL | 4,476 | 7,242 | 6,071 | 7,242 | 19 |
| SEOG | 408 | 614 | 554 | 614 | 11 |
| SSIG | 72 | 25 | 98 | 25 | -74 |
| FWS | 625 | 1,002 | 848 | 1,002 | 18 |
| Perkins Loans | 874 | 1,058 | 1,185 | 1,058 | -11 |
| Income Continent Loans | 5 | - | 7 | - | |
| **Ford Direct Loans** | - | 11,021 | - | 11,021 | |
| *(Subsidized Stafford)* | - | *(6,039)* | - | *(6,039)* | |
| *(Unsubsidized Stafford)* | - | *(3,775)* | - | *(3,775)* | |
| *(PLUS)* | - | *(1,208)* | - | *(1,208)* | |
| **Family Education Loans** | 11,985 | 22,643 | 16,258 | 22,643 | 39 |
| *(Subsidized Stafford)* | *(9,319)* | *(11,969)* | *(12,642)* | *(11,969)* | -5 |
| *(Unsubsidized Stafford)* | - | *(8,484)* | - | *(8,484)* | 12 |
| *(SLS)* | *(2,015)* | - | *(2,733)* | - | |
| *(PLUS)* | *(651)* | *(2,190)* | *(883)* | *(2,190)* | *148* |
| Specially Directed Aid | 1,498 | 2,365 | 2,032 | 2,365 | 16 |
| **Total Federal Aid** | 19,943 | 45,970 | 27,053 | 45,970 | 70 |
| **State Grant Programs** | 1,581 | 3,528 | 2,144 | 3,528 | 65 |
| **Non-Federal Loans** | - | 2,417 | - | 2,417 | |
| ***(State-Sponsored)*** | - | *(438)* | - | *(438)* | |
| ***(Private Sector)*** | - | *(1,979)* | - | *(1,979)* | |
| **Institutional and Other Grants** | 3,978 | 12,209 | 5,397 | 12,209 | 126 |
| **Total Federal, State and Institutional Aid** | **25,502** | **64,124** | **34,594** | **64,124** | **85** |

SOURCE: *Trends in Student Aid 1999*, The College Board, New York, NY.

FIGURE 8. *Estimated Student Aid by Source for Academic Year, in Current Dollars, 1998-99*



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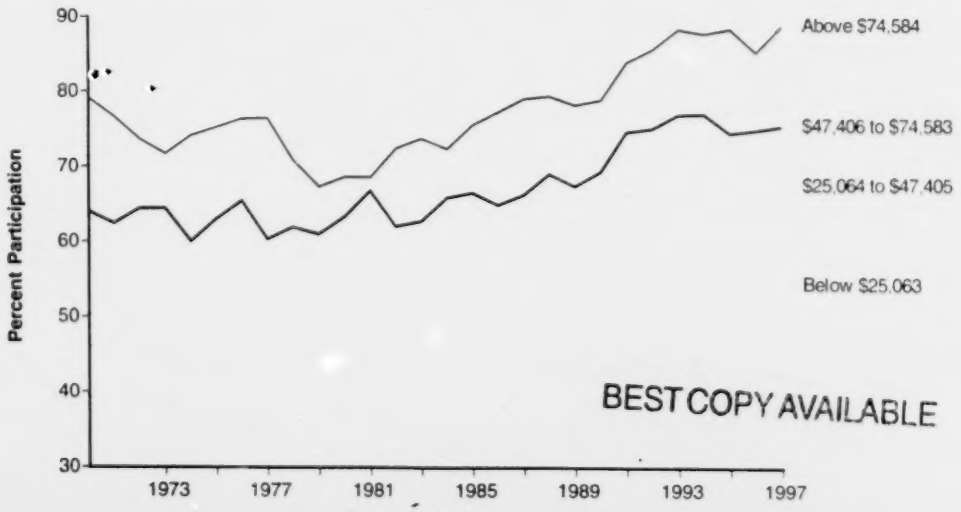
## TABLE 10. College Participation Rates for Unmarried 18- to 24-Year-Old High School Graduates, 1970 to 1997, by Family Income Quartile, in Percent

| Year | Bottom Quartile | Second Quartile | Third Quartile | Highest Quartile |
|---|---|---|---|---|
| | Below $25,063 | $25,064 to $47,405 | $47,406 to $74,583 | Above $74,584 |
| 1970 | 46 | 56 | 64 | 79 |
| 1971 | 47 | 57 | 62 | 77 |
| 1972 | 45 | 56 | 64 | 74 |
| 1973 | 44 | 54 | 64 | 72 |
| 1974 | 44 | 52 | 60 | 74 |
| 1975 | 47 | 54 | 63 | 75 |
| 1976 | 45 | 56 | 66 | 76 |
| 1977 | 46 | 54 | 60 | 76 |
| 1978 | 45 | 52 | 62 | 71 |
| 1979 | 45 | 52 | 61 | 67 |
| 1980 | 42 | 53 | 63 | 69 |
| 1981 | 43 | 53 | 67 | 69 |
| 1982 | 42 | 52 | 62 | 72 |
| 1983 | 42 | 52 | 63 | 74 |
| 1984 | 40 | 54 | 66 | 72 |
| 1985 | 41 | 53 | 67 | 76 |
| 1986 | 42 | 54 | 65 | 77 |
| 1987 | 43 | 58 | 66 | 79 |
| 1988 | 44 | 57 | 69 | 79 |
| 1989 | 45 | 56 | 67 | 78 |
| 1990 | 44 | 59 | 69 | 79 |
| 1991 | 49 | 64 | 75 | 84 |
| 1992 | 52 | 64 | 75 | 86 |
| 1993 | 49 | 65 | 77 | 88 |
| 1994 | 58 | 68 | 77 | 88 |
| 1995 | 52 | 67 | 75 | 88 |
| 1996 | 54 | 66 | 75 | 85 |
| 1997 | 53 | 68 | 76 | 89 |

SOURCE: Mortenson, T. (1999). *Postsecondary Education Opportunity*, Oskaloosa, IA (www.postsecondary.org). Analysis based on U.S. Census Bureau data.

**FIGURE 9.**
***College Participation Rates for Unmarried 18- to 24-Year-Old High School Graduates, 1970 to 1997, by Family Income Quartile***

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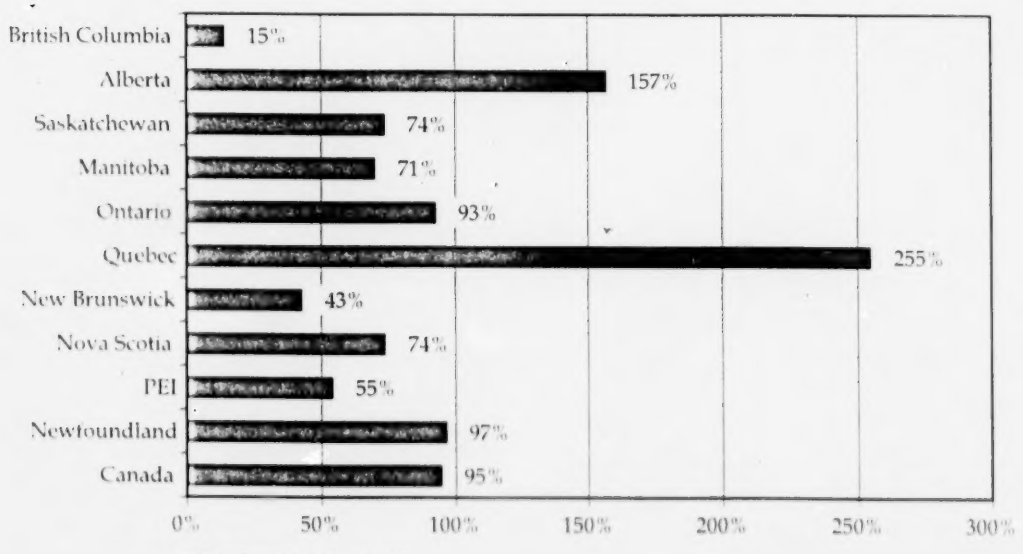
SOURCE: Mortenson, T. (1999). *Postsecondary Education Opportunity*, Oskaloosa, IA. Analysis based on U.S. Census Bureau data.

## TABLE 11. Enrollment-Weighted Average Tuition and Fee Charges for Arts in Canada by Province, 1972-73, 1980-81 to 1999-00, in Constant U.S. Dollars

| Year | Canada | NFLD | PEI | Nova Scotia | New Brunswick | Québec | Ontario | Manitoba | Saskatchewan | Alberta | British Columbia |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 72-73 | 1,414 | 1,316 | 1,447 | 1,718 | 1,541 | 1,318 | 1,525 | 1,118 | 1,099 | 1,053 | 1,184 |
| 80-81 | 918 | 819 | 1,125 | 1,174 | 1,073 | 644 | 1,072 | 804 | 910 | 788 | 764 |
| 81-82 | 919 | 826 | 1,137 | 1,177 | 1,091 | 596 | 1,097 | 802 | 902 | 725 | 805 |
| 82-83 | 1,002 | 976 | 1,285 | 1,302 | 1,228 | 571 | 1,210 | 769 | 947 | 832 | 981 |
| 83-84 | 1,022 | 987 | 1,328 | 1,448 | 1,293 | 551 | 1,211 | 836 | 977 | 849 | 1,048 |
| 84-85 | 1,057 | 997 | 1,353 | 1,503 | 1,342 | 531 | 1,235 | 888 | 1,031 | 872 | 1,334 |
| 85-86 | 1,080 | 1,041 | 1,398 | 1,520 | 1,407 | 516 | 1,258 | 936 | 1,081 | 880 | 1,430 |
| 86-87 | 1,111 | 1,069 | 1,499 | 1,560 | 1,492 | 507 | 1,286 | 1,005 | 1,118 | 883 | 1,454 |
| 87-88 | 1,147 | 1,077 | 1,517 | 1,572 | 1,526 | 484 | 1,312 | 1,066 | 1,188 | 953 | 1,568 |
| 88-89 | 1,138 | 1,082 | 1,524 | 1,572 | 1,568 | 477 | 1,317 | 1,112 | 1,224 | 938 | 1,424 |
| 89-90 | 1,174 | 1,136 | 1,526 | 1,600 | 1,576 | 455 | 1,359 | 1,168 | 1,232 | 964 | 1,462 |
| 90-91 | 1,258 | 1,131 | 1,548 | 1,634 | 1,597 | 759 | 1,390 | 1,191 | 1,283 | 1,046 | 1,453 |
| 91-92 | 1,397 | 1,258 | 1,728 | 1,794 | 1,647 | 1,066 | 1,455 | 1,414 | 1,477 | 1,240 | 1,558 |
| 92-93 | 1,484 | 1,344 | 1,802 | 1,909 | 1,766 | 1,150 | 1,509 | 1,599 | 1,658 | 1,427 | 1,681 |
| 93-94 | 1,560 | 1,541 | 1,918 | 2,054 | 1,814 | 1,191 | 1,573 | 1,634 | 1,776 | 1,671 | 1,732 |
| 94-95 | 1,661 | 1,610 | 1,962 | 2,187 | 1,762 | 1,270 | 1,681 | 1,671 | 1,840 | 1,854 | 1,842 |
| 95-96 | 1,739 | 1,686 | 2,056 | 2,291 | 1,819 | 1,236 | 1,801 | 1,708 | 1,889 | 2,000 | 1,887 |
| 96-97 | 1,882 | 1,893 | 2,070 | 2,482 | 1,960 | 1,130 | 2,081 | 1,767 | 1,883 | 2,104 | 1,870 |
| 97-98 | 2,054 | 2,194 | 2,194 | 2,590 | 2,089 | 1,526 | 2,264 | 1,853 | 2,069 | 2,228 | 1,710 |
| 98-99 | 2,163 | 2,158 | 2,268 | 2,675 | 2,188 | 1,561 | 2,421 | 1,866 | 2,144 | 2,365 | 1,680 |
| 99-00 | 2,290 | 2,237 | 2,359 | 2,788 | 2,256 | 1,618 | 2,624 | 1,993 | 2,145 | 2,480 | 1,674 |

SOURCE: *Statistics Canada, 1999*

**FIGURE 10.** *Ten-Year Percent Change in Enrollment-Weighted Tuition & Fee Charges for Arts in Canada by Province, 1989-90 to 1999-00 (Adjusted for Inflation)*




SOURCE: *Statistics Canada, 1999*

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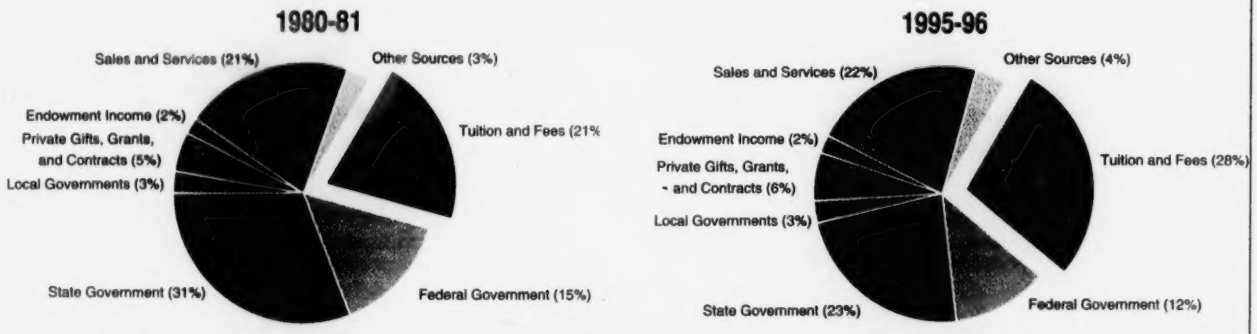
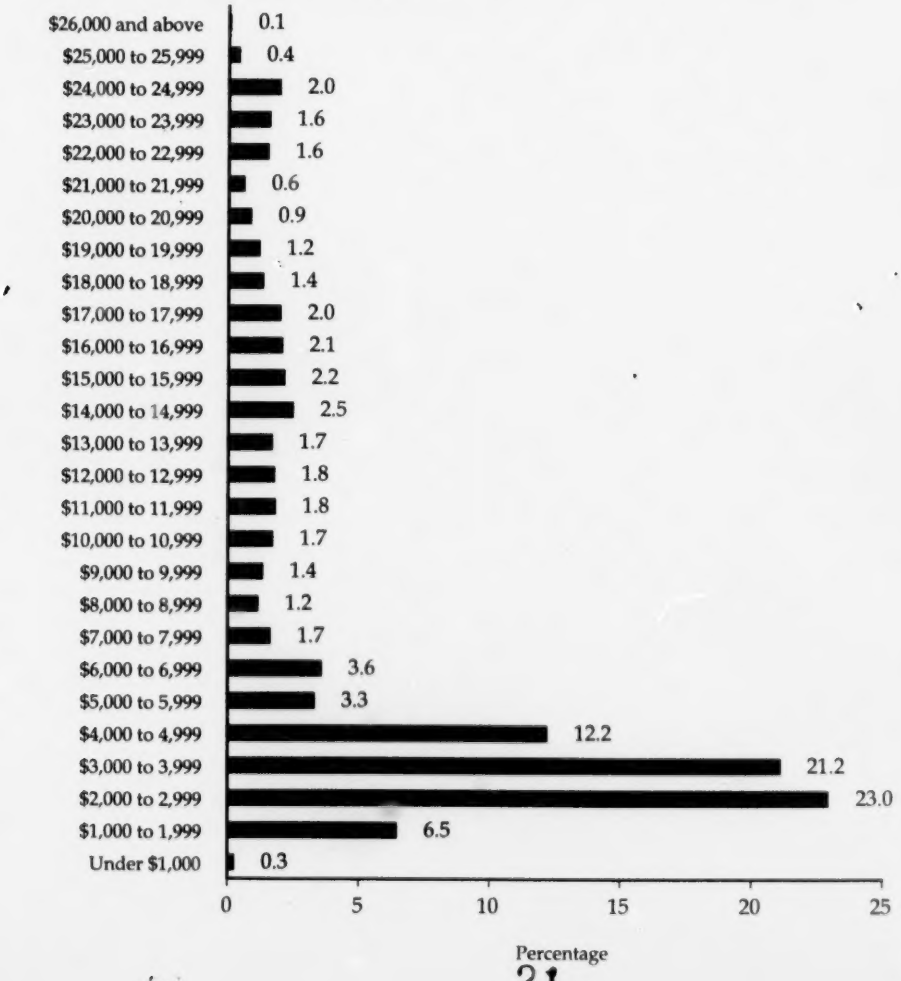
**FIGURE 11.** ***Current-Fund Revenues for Institutions of Higher Education, 1980-81 and 1995-96***




SOURCE: *Digest of Education Statistics 1998*, National Center for Education Statistics, U.S. Department of Education. Table 328, Page 352.

**FIGURE 12.** ***Distribution of Full-Time Undergraduates at Four-Year Institutions by Tuition and Fees Charged, 1999-00***

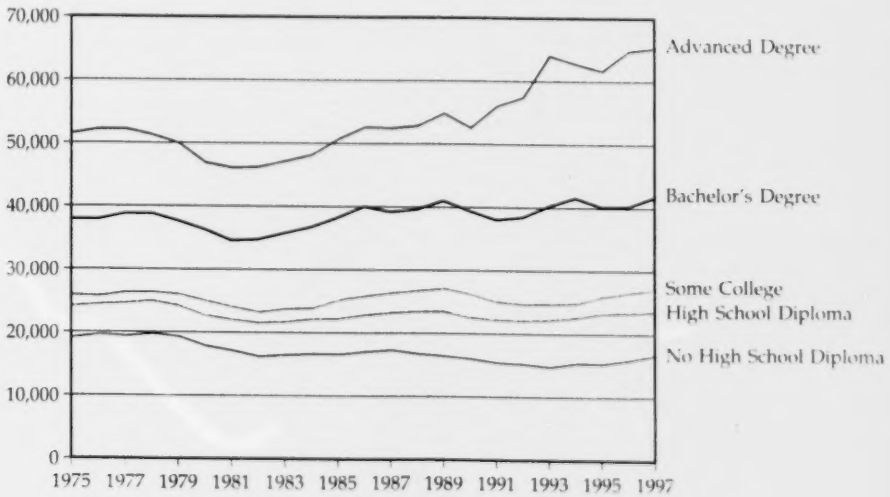


## TABLE 12. Average Income by Educational Attainment for Persons 18 Years Old and Over, 1975 to 1997 (Inflation Adjusted for 1999)

| Year | Current Dollars | | | | | | Constant Dollars | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total | No High School Diploma | High School Diploma | Some College | BA | Advanced Degree | Total | No High School Diploma | High School Diploma | Some College | BA | Advanced Degree |
| 1975 | 8,552 | 6,198 | 7,843 | 8,388 | 12,332 | 16,725 | 26,302 | 19,062 | 24,121 | 25,797 | 37,927 | 51,438 |
| 1976 | 9,180 | 6,720 | 8,393 | 8,813 | 13,033 | 17,911 | 26,699 | 19,545 | 24,411 | 25,632 | 37,906 | 52,093 |
| 1977 | 9,887 | 7,066 | 9,013 | 9,607 | 14,207 | 19,077 | 27,000 | 19,296 | 24,613 | 26,236 | 38,798 | 52,097 |
| 1978 | 10,812 | 7,759 | 9,834 | 10,357 | 15,291 | 20,173 | 27,433 | 19,687 | 24,951 | 26,278 | 38,797 | 51,184 |
| 1979 | 11,795 | 8,420 | 10,624 | 11,377 | 16,514 | 21,874 | 26,900 | 19,203 | 24,229 | 25,946 | 37,662 | 49,886 |
| 1980 | 12,665 | 8,845 | 11,314 | 12,409 | 18,075 | 23,308 | 25,437 | 17,765 | 22,724 | 24,923 | 36,303 | 46,813 |
| 1981 | 13,624 | 9,357 | 12,109 | 13,176 | 19,006 | 25,281 | 24,800 | 17,033 | 22,042 | 23,985 | 34,597 | 46,020 |
| 1982 | 14,351 | 9,387 | 12,560 | 13,503 | 20,272 | 26,915 | 24,614 | 16,100 | 21,543 | 23,160 | 34,770 | 46,164 |
| 1983 | 15,137 | 9,853 | 13,044 | 14,245 | 21,532 | 28,333 | 25,155 | 16,374 | 21,676 | 23,672 | 35,782 | 47,083 |
| 1984 | 16,083 | 10,384 | 13,893 | 14,936 | 23,072 | 30,192 | 25,625 | 16,545 | 22,135 | 23,797 | 36,760 | 48,104 |
| 1985 | 17,181 | 10, 24 | 15,939 | 18,054 | 26,919 | 35,968 | 27,700 | 17,224 | 23,218 | 26,299 | 39,212 | 52,394 |
| 1988 | 20,060 | 11,889 | 16,750 | 19,066 | 28,344 | 37,724 | 28,076 | 16,640 | 23,443 | 26,685 | 39,670 | 52,798 |
| 1989 | 21,414 | 12,242 | 17,594 | 20,255 | 30,736 | 41,019 | 28,591 | 16,345 | 23,491 | 27,043 | 41,037 | 54,767 |
| 1990 | 21,793 | 12,582 | 17,820 | 20,694 | 31,112 | 41,458 | 27,607 | 15,939 | 22,574 | 26,215 | 39,412 | 52,518 |
| 1991 | 22,332 | 12,613 | 18,261 | 20,551 | 31,323 | 46,039 | 27,140 | 15,329 | 22,193 | 24,976 | 38,067 | 55,951 |
| 1992 | 23,227 | 12,809 | 18,737 | 20,867 | 32,629 | 48,652 | 27,398 | 15,109 | 22,102 | 24,614 | 38,488 | 57,389 |
| 1993 | 24,674 | 12,820 | 19,422 | 21,539 | 35,121 | 55,789 | 28,270 | 14,689 | 22,253 | 24,678 | 40,240 | 63,921 |
| 1994 | 25,852 | 13,697 | 20,248 | 22,226 | 37,224 | 56,105 | 28,867 | 15,295 | 22,610 | 24,818 | 41,566 | 62,649 |
| 1995 | 26,792 | 14,013 | 21,431 | 23,862 | 36,980 | 56,667 | 29,101 | 15,221 | 23,278 | 25,918 | 40,167 | 61,550 |
| 1996 | 28,106 | 15,011 | 22,154 | 25,181 | 38,112 | 61,317 | 29,659 | 15,840 | 23,378 | 26,572 | 40,217 | 64,704 |
| 1997 | 29,514 | 16,124 | 22,895 | 26,235 | 40,478 | 63,229 | 30,433 | 16,626 | 23,608 | 27,052 | 41,738 | 65,198 |

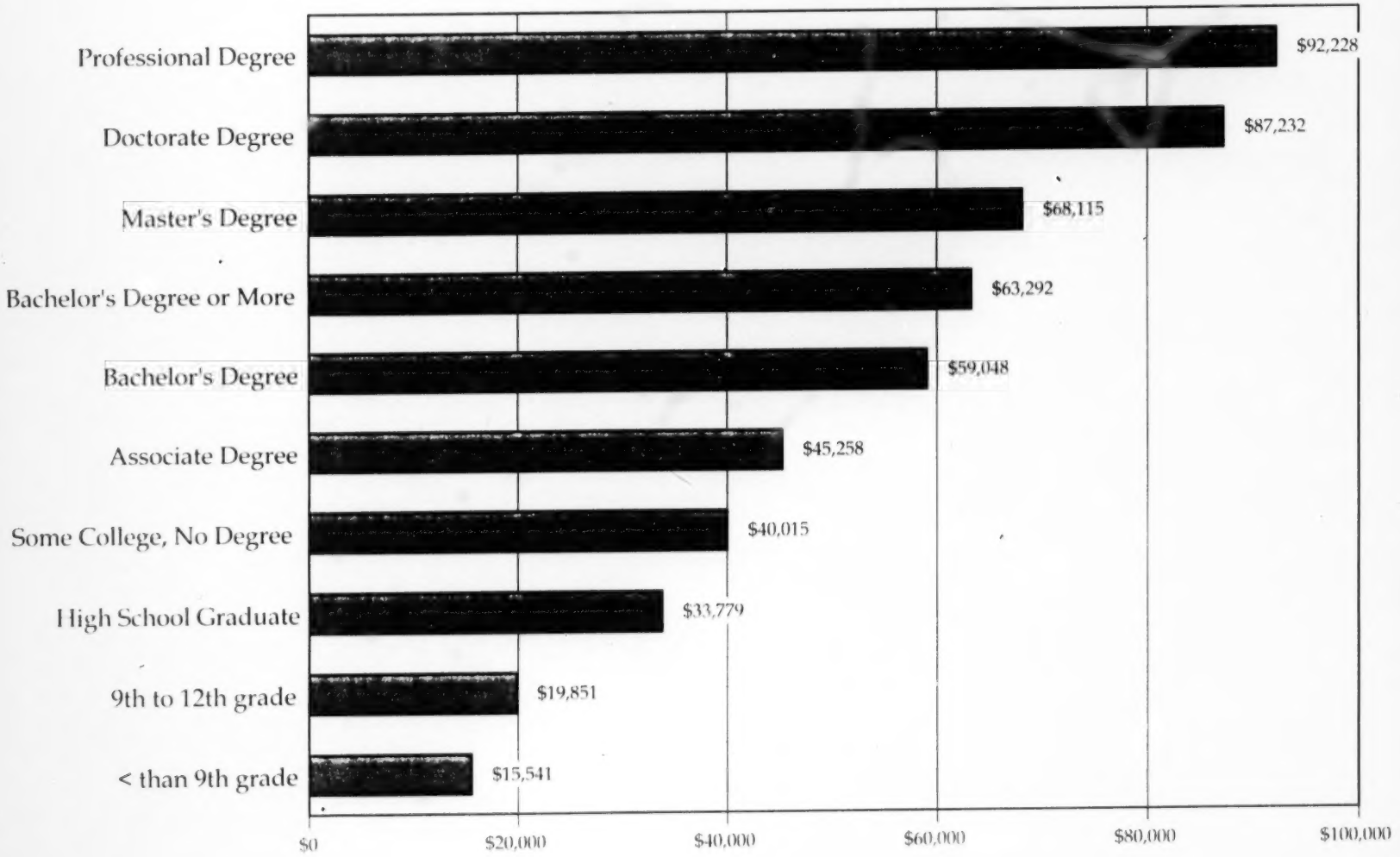
Source: U.S. Source: U.S. Census Bureau. March Current Population Survey. Income Statistics Branch/HHES Division. U.S. Department of Commerce: Washington, DC.

**FIGURE 13.**
***Income by Educational Attainment for Persons 18 Years Old and Over, 1975 to 1997 (Inflation Adjusted for 1999)***




Source: U.S. Source: U.S. Census Bureau. March Current Population Survey. Income Statistics Branch/HHES Division. U.S. Department of Commerce: Washington, DC.

**FIGURE 14. Median Annual Household Income, by Educational Attainment of the Householder, 1997**




Source: U.S. Source: U.S. Census Bureau, March Current Population Survey, Income Statistics Branch/HHES Division, U.S. Department of Commerce, Washington, DC. Table F-18. (www.census.gov/hhes/income/histinc/f018.html)

## Notes & Sources

### Source of Data

Averages and rates of change described in the press release are based on data reported by colleges and universities as part of the College Board's Annual Survey of Colleges (ASC). Data analysis was performed by the College Scholarship Service (CSS), the financial aid arm of the College Board.

Data were collected on questionnaires distributed in early 1999, and subjected to intensive review and follow-up where necessary throughout the spring and summer months. The data base for this analysis was closed in late August.

In an effort to collect comparable price information, institutions were asked to provide data to specifications for several discrete items (e.g., the annual tuition and fees charged to most first-year, full-time students, based on a nine-month academic year of 30 semester hours or 45 quarter hours). If *firm* 1999-2000 figures were not yet established at the time the data were analyzed, but a reliable institutional or system-wide forecast was available, *projected* data were used in the analysis.

### Composition of the Sample

Data from approximately 99 percent of the respondents (2,808 of 2,831) to the Annual Survey of Colleges were examined as part of this year's analysis. Following past practice, the sample was further reduced to include only those institutions for which two consecutive years' worth of current price and enrollment data was available (see Table A). The purpose of this restriction is to minimize the distortions that might otherwise be caused by institutions responding one year and not the next, and thus appearing and disappearing in the sample.

**Table A. Composition of Sample for Tuition and Fees (T&F) Analysis**

| | Universe | Sample N included in T&F Analysis | Percentage of institutions in Sample where T&F are projected (not firm) |
|---|---|---|---|
| 2-yr Public | 1,004 | 690 (69%) | <1% 3 schools |
| 2-yr Private | 121 | 76 (63%) | 0% 0 schools |
| 4-yr Public | 556 | 503 (90%) | 0% 0 schools |
| 4-yr Private | 1,150 | 1,015 (88%) | 0% 0 schools |

Because institutions are not required to report information in all categories, rates of response vary considerably by budget component. With the single exception of "Books and Supplies," which draws a response rate similar to that for "Tuition and Fees," averages in particular cells (e.g., room and board) are always derived from smaller subsets of the whole. Tables such as the foregoing are constructed for every data cell to ensure that there are sufficient observations to support analysis.

Restricting the analysis to those institutions for which two consecutive years' worth of data are available also requires that CSS annually *recompute* the base-year averages at the same time as it calculates new averages and rates of change. Thus, the base-year values for 1998-99 used in this new analysis differ somewhat from the 1998-99 averages that were reported last year.

### "Fixed Charges" and "Estimated Expenditures"

The 1999-2000 data analysis differentiates between fixed charges (sometimes also called "direct charges"), such as tuition, fees, and on-campus room and board, and estimated student expenditures in non-fixed budget categories, such as books and supplies, transportation, personal expenses, and commuters' board-only expenses.

Both kinds of expenses should be taken into account by families in planning to meet educational expenses, *and* by institutions in constructing student aid budgets for purposes of determining need and eligibility. However, students do have some degree of discretionary control over the non-fixed components of their budgets.

### "Enrollment-Weighted" and "Unweighted" Averages

This report provides enrollment-weighted averages, or average prices, that students confront. The College Board also calculates unweighted average tuition charges.

**TABLE 15. Average Fixed Charges for Undergraduates, 1999-00 *(unweighted)***

| Sector | Tuition and Fees 1999-00 | Tuition and Fees 1998-99 | Tuition and Fees % Change | Room and Board 1999-00 | Room and Board 1998-99 | Room and Board % Change |
|---|---|---|---|---|---|---|
| Two-Year Public | 1,608 | 1,551 | 4% | * | * | * |
| Two-Year Private | 7,744 | 7,584 | 2% | 4,474 | 4,330 | 3% |
| Four-Year Public | 3,274 | 3,158 | 4% | 4,533 | 4,340 | 4% |
| Four-Year Private | 12,894 | 12,311 | 5% | 5,224 | 5,031 | 4% |

* The sample was too small to provide meaningful information.
*These averages are* ***NOT*** *weighted for enrollment, as in Table 1.*

SOURCE: *Annual Survey of Colleges*, The College Board, New York, NY.

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Weighted and unweighted averages represent two different vantage points from which costs can be viewed:

- The experience of the average student in incurring charges [weighted], and
- An averaging of institutional charges [unweighted].

When weights are used in the calculations, fixed charges and estimated expenditures reported by colleges with larger enrollments are weighted more heavily than institutions with smaller enrollments. When calculations are performed without weighting, the fixed charges and estimated expenditures of all reporting institutions are treated the same and simply averaged.

Neither set of averages is more or less "correct" than the other; they simply describe different phenomena. The College Board produced weighted averages for the first time in 1987, having previously computed unweighted averages only. The College Board believes that the weighted averages are generally more helpful to students and families in planning to meet future education expenses, as well as more easily compared with other enrollment-weighted data produced by other major data sources.

However, some researchers, policy analysts, and academic administrators find the unweighted averages useful in maintaining ongoing longitudinal studies and evaluating a particular institution's practices against a larger set. Thus the College Board continues to compute and publish unweighted averages as well. For additional information on how the weights are applied, please contact the College Board or visit College Board Online.

**Inflation Adjustment**

The Consumer Price Index for all urban dwellers (the CPI-U) is used to adjust for inflation. Updated CPI data are available from the Bureau of Labor Statistics website (*http://stats.bls.gov/cpihome.htm*). The academic base year for 1998-99 was extrapolated from current CPI data and is inclusive of July 1999 to June 2000 (estimated).

***Formula for Constant Dollar Conversion***

$$\text{CONSTANT (base year) Dollars} = \text{CURRENT year dollars} \times \frac{\text{CPI for the base year}}{\text{CPI for the current year}}$$

The table below provides academic and calendar year CPI data. The factor column provides the user with a multiplication factor equal to that of CPI (base year) divided by CPI (current year), as illustrated in the right-hand side of the above equation. A simple multiplication of a current year figure by the associated factor will yield a constant-dollar result.

*Consumer Price Index (1982–84=100)*

| Academic Year | | | Calendar Year | | |
|---|---|---|---|---|---|
| Year | CPI | Factor | Year | CPI | Factor |
| **1989-90** | 127.0 | 1.3089 | **1989** | 124.0 | 1.3352 |
| **1990-91** | 133.9 | 1.2411 | **1990** | 130.7 | 1.2668 |
| **1991-92** | 138.2 | 1.2025 | **1991** | 136.2 | 1.2153 |
| **1992-93** | 142.5 | 1.1661 | **1992** | 140.3 | 1.1796 |
| **1993-94** | 146.2 | 1.1367 | **1993** | 144.5 | 1.1458 |
| **1994-95** | 150.4 | 1.1050 | **1994** | 148.2 | 1.1166 |
| **1995-96** | 154.5 | 1.0757 | **1995** | 152.4 | 1.0862 |
| **1996-97** | 158.9 | 1.0459 | **1996** | 156.9 | 1.0552 |
| **1997-98** | 161.7 | 1.0276 | **1997** | 160.5 | 1.0311 |
| **1998-99** | 164.4 | 1.0109 | **1998** | 162.9 | 1.0163 |
| **1999-00** | 166.2 | 1.0000 | **1999** | 165.5 | 1.0000 |

**Data Limitations**

The longitudinal data provided in this report provide a best approximation of the changes in fixed and non-fixed costs from year to year. Because the institutional sample varies slightly each year, annual increases reported on longitudinal tables may vary slightly from actual increases. This, however, does not apply to the annual changes reported for 1999-00 and 1998-99, as these data are derived from the exact same sample of institutions.

Data from years prior to 1984-85 were extracted from the National Center for Education Statistics' Integrated Postsecondary Education Database System (IPEDS). Differences in the collection and analysis of IPEDS data and the College Board's *Annual Survey of Colleges* data result in slight variations in terms of average tuition and fee charges for institutions. Some of these differences may be attributed to the enrollment weights attached to the ASC data. Internal analysis, however, shows that the two data sets track very closely.

**Canadian Tuition and Fee Data**

Quebec data includes both in and out of province students in the weighted-average calculation. British Columbia includes both public and private institutions in the weighted-average calculation. Data is compiled from Statistics Canada. Currency exchange rate of $1.47536 as of September 27, 1999.

The College Board

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# The Washington Office of the College Board

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ALICIA DORSEY
*Administrative Assistant*

This report provides the most recent and complete statistics available on pricing of U.S. public and private non-profit postsecondary institutions. Based on the College Board's *Annual Survey of Colleges*, data presented in this publication cover tuition and fees, room and board, and other costs associated with going to college.

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